

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40	hollow near3 (cylinder or tube or tubular) and coat \$3 near3 (vanes or protrusions)and (motor or actuator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 09:58
S2	40	(cylinder cylindrical or tube or tubular) near5 coat \$3 near7 (vanes or protrusions) and (motor or actuator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:09
S3	39	S2 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:09
S4	0	(cylinder cylindrical or tube or tubular) near5 coat \$3 near7 (vanes or protrusions) and sampl\$3. ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:14
S5	1	(cylinder cylindrical or tube or tubular) near5 coat \$3 near7 (vanes or protrusions) same sampl \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:15
S6	1	(cylinder cylindrical or tube or tubular pipet\$4) near5 coat\$3 near7 (vanes or protrusions) same sampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:18
S7	252	(cylinder cylindrical or tube or tubular pipet\$4) near5 coat\$3 near7 (blade or plate vanes or protrusions) same sampl \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:20

S8	191	(cylinder cylindrical or tube or tubular pipet\$4) near5 coat\$3 near3 (blade or plate vanes or protrusions) same sampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:20
S9	6	S8 and (motor or actuator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:20
S10	1492	(cylinder cylindrical or tube or tubular pipet\$4 conduit) near5 (blade vanes or protrusions fins) near7 coat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:22
S11	30	S10 same sampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:22
S12	2854	(cylinder cylindrical or tube or tubular pipet\$4 conduit) near5 (spiral\$3 or helical\$3 blade vanes or protrusions fins) near7 coat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:23
S13	53	S12 same sampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:23
S14	8516	(cylinder cylindrical or tube or tubular pipet\$4 conduit) same (spiral\$3 or helical\$3 blade vanes or protrusions fins) near7 coat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:30
S15	163	S14 same sampl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:31

S16	111	S15 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:31
S17	7813	73/864-864.91.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 10:59
S18	3	S17 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:00
S19	55153	(spiral\$3 or helical\$3 blade vanes or protrusions fins) near4 coat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:03
S20	15	S17 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:03
S21	82953	(cylinder cylindrical or tube or tubular pipet\$4 conduit) near3 coat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:14
S22	133	S17 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:15
S23	525445	(cylinder cylindrical or tube or tubular pipet\$4 conduit) near5 (rotat\$3 or rotary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:16

S24	779	S17 and S23	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:16
S25	16	S21 and S24	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:17
S26	103	coating near5 extract\$3 near3 sample	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:21
S27	5	S17 and S26	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/25 11:22
S28	139	73/864.71.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 16:37
S29	0	("2007/0209453").URPN.	USPAT	OR	ON	2010/10/28 16:41
S30	378	solid near2 phase near2 microextraction or spme	USPAT	OR	ON	2010/10/28 16:59
S31	81	S30 and hollow	USPAT	OR	ON	2010/10/28 16:59
S32	0	S31 not S30	USPAT	OR	ON	2010/10/28 17:11
S33	98	S30 and (rotat\$3 or rotary)	USPAT	OR	ON	2010/10/28 17:11
S34	66	S33 not S31	USPAT	OR	ON	2010/10/28 17:11
S35	26462	extract\$4 near3 (analyte or sample)	USPAT	OR	ON	2010/10/28 17:14
S36	257	S35 same coating	USPAT	OR	ON	2010/10/28 17:14
S37	728	S35 same coat\$3	USPAT	OR	ON	2010/10/28 17:14
S38	211	S37 and (rotat\$3 or rotary)	USPAT	OR	ON	2010/10/28 17:14

S39	201	S38 not S33	USPAT	OR	ON	2010/10/28 17:15
S40	201	S39 not S31	USPAT	OR	ON	2010/10/28 17:15
S41	12	S36.ab.ti.	USPAT	OR	ON	2010/10/28 17:15
S42	7	S30.ab.ti. and (rotat\$3 or rotary)	USPAT	OR	ON	2010/10/28 17:18
S43	194	(rotat\$3 or rotary) near5 (cylinder or hollow) and (submer\$5 or immers\$3) near3 (sample or analyte)	USPAT	OR	ON	2010/10/28 17:22
S44	98	S43 and coat\$3	USPAT	OR	ON	2010/10/28 17:22
S45	289226	(gas or flow\$3) near10 (hollow or cylinder or tube)	USPAT	OR	ON	2010/10/28 17:23
S46	23	S44 and S45	USPAT	OR	ON	2010/10/28 17:23
S47	374	(rotat\$3 or rotary) near5 (cylinder or hollow or tube or pipet\$4 or conduit) and (submer\$5 or immers\$3) near3 (sample or analyte)	USPAT	OR	ON	2010/10/28 17:24
S48	18	S47 and coat\$3 near5 (cylinder or hollow)	USPAT	OR	ON	2010/10/28 17:25
S49	87	S30 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/28 17:25
S50	33667	plunger near6 rotat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 08:59
S51	1057	plunger near6 rotat\$3 with syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 09:00
S52	3	"20070209453"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 09:13

S53	2	S52 and (rotat\$3 or rotary)	US-PG PUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 09:14
S54	1	"6042787".pn. and (rotat\$3 or rotary)	US-PG PUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 09:19
S55	2	"4225575".pn. and coating	US-PG PUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 12:14
S56	15	(solid near2 phase near2 microextraction or spme) same (fins protrusions impellers grooves surface near3 area vane)	USPAT	OR	ON	2010/11/01 12:24

**EAST Search History (Interference)**

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